

Amendments to Abstract:

ABSTRACT

~~The present invention relates to a method~~ Methods and systems for analyzing a liquid sample by injection of the ~~latter~~ sample into a reaction loop coupled with ~~illumination means a~~ light source and ~~detection means detector~~, which ~~comprises the following steps:~~ includes [[

-]] filling a ~~the~~ reaction loop with a minimum volume of the sample to be analyzed, this reaction loop forming a transparent pipe with which ~~detection means are~~ detector is coupled, [[

-]] injecting a fixed volume of at least one reagent into the reaction loop, [[

-]] detecting levels of filtered light ~~by these detection means~~ with the detector, [[

-]] and discharging reagents located in the reaction loop.][.]]

~~The present invention also relates to a system for analyzing a liquid sample.~~

REPLACEMENT PAGE

ABSTRACT

Methods and systems for analyzing a liquid sample by injection of the sample into a reaction loop coupled with a light source and detector, which includes filling the reaction loop with a minimum volume of the sample to be analyzed, this reaction loop forming a transparent pipe with which detector is coupled, injecting a fixed volume of at least one reagent into the reaction loop, detecting levels of filtered light with the detector, and discharging reagents located in the reaction loop.